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| US 6782264 B2        | Monitoring of call info 455/456.1 455/560                            |
| US 6546435 B1        | Portable programming 710/4 370/294; 370/347; 710/14; 710             |
| US 5917425 A         | IR/RF locator 340/825.4; 340/5.81; 340/539.1; 340/539.1              |
| US 4639557 A         | Remote testing system 379/29.02 379/18                               |
| US 20040119585 A     | Walk through testing method for fire alarm system in building e.g.   |
| US 20030210138 A     | Walk test method for alarm system, involves setting up private cor   |
| US 6730212 B1        | Sensor for chemical a 205/777.5 204/403.01; 204/403.1; 204/403       |
| US 6696982 B2        | Vehicle terminal appa 340/988 340/426.13; 340/426.17; 340/42         |
| US 6694008 B1        | Monitored suspensor 379/228 379/215.01                               |
| US 6687217 B1        | Method of and system 370/217 370/219                                 |
| US 6676669 B2        | Surgical manipulator 606/130 606/1; 901/48                           |
| US 6392681 B1        | Method and apparatus 347/218   |
| US 6317080 B1        | Early detection and tr 342/357.0; 244/31; 244/98; 342/357.07         |
| US 6287253 B1        | Pressure ulcer conditi 600/300 128/897; 340/573.1                    |
| US 5969433 A         | Theft preventing and 307/10.5 180/287                                |
| US 5848373 A         | Computer aided map 701/200 340/990; 340/995.26; 342/357.0            |
| US 5848152 A         | Communication device 379/433.1; 379/433.1; 379/434                   |
| US 5822423 A         | Apparatus and metho 379/352 379/42; 379/50; 379/92.03; 379           |
| US 5608410 A         | System for locating a 342/387 342/457                                |
| US 5457811 A         | System for controlling 455/67.11 398/209; 455/235.1; 455/249.1;      |
| US 5345046 A         | Voice communication 187/390 187/392; 187/393                         |
| US 5327144 A         | Cellular telephone loc 342/387 342/457; 455/404.2; 455/408; 4        |
| US 4999613 A         | Remote confinement 340/573.4 340/516; 340/529; 379/38; 600           |
| US 4965825 A         | Signal processing app 380/233 380/242                                |
| US 4855997 A         | Priority queuing techn 370/447 340/825.5                             |
| US 4493074 A         | Content induced trans 370/445 370/459                                |
| US 4491828 A         | Two-wire multi-zone a 340/525 340/505; 340/506; 340/511; 34          |
| US 4423410 A         | Two-wire multi-zone a 340/525 340/505; 340/506; 340/511; 34          |
| US 4359721 A         | Two-wire multi-zone a 340/525 340/505; 340/506; 340/511; 34          |
| US RE31023 E         | Highly automated agr 405/37 137/236.1; 137/386; 137/79; 13           |
| US 4268715 A         | Method and apparatus 705/75 235/379; 235/380; 380/29; 705            |
| US 4015366 A         | Highly automated agr 47/1.43 137/236.1; 137/386; 137/79; 13          |
| US 4002847 A         | Fault isolation in a sei 370/224 370/228                             |
| US 3716834 A         | DATA TRANSMISSIO 714/715 340/505; 340/506; 340/518; 34               |
| US 3587077 A         | TELEMETRY SYSTE 340/870.0; 340/10.32; 340/10.41; 340/870.            |
| EP 528187 A2, A3, B1 | Voice communications for elevat 187/391                              |
| WO 20022 A2, A3      | Sensor for detecting biological and/or chemical materials in air cor |
| EP 47470 A0, B1      | Remote confinement system with multiple tests - uses home base       |

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1/18; 710/9

3; 340/573.1; 340/573.4; 340/825.36; 340/825.72; 398/115; 398/118; 398/151

hospital, involves triggering test condition by tester, and returning indication of location of communication channel between control panel and tester, and returning indication that is displayed on 3.11; 427/58

26.19; 340/426.2; 340/539.1; 340/539.17; 455/343.1; 455/345

13; 701/208; 701/212

9/92.04

; 455/282; 455/289; 455/291

455/456.5; 455/466

1/532

.0/537; 340/825.78

.0/537

.0/537

38/111; 180/305; 193/25E; 198/570; 209/173; 239/210; 239/69; 239/727; 239/745; 340/72; 713/185; 902/2

38/111; 193/25E; 198/570; 209/173; 239/210; 239/69; 239/727; 239/745; 348/143; 340/72

.0/521; 340/524; 340/650; 340/652; 714/824

.08; 340/870.16; 340/870.18; 346/37; 455/2.01

comprises interdigitated electrodes, indicator biomolecule within or attached to film, and electrode test unit which monitors RF signal for presence of prisoner and voice and breath tests

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| US 6782264 B2    | Monitoring of call info 455/456.1                                  | 455/560                        |
| US 6546435 B1    | Portable programming 710/4   | 370/294; 370/347; 710/14; 710  |
| US 4639557 A     | Remote testing system 379/29.02                                    | 379/18                         |
| US 20030210138 A | Walk test method for alarm system, involves setting up private cor |                                |
| US 6687217 B1    | Method of and system 370/217                                       | 370/219                        |
| US 6392681 B1    | Method and apparatus 347/218                                       |                                |
| US 5969433 A     | Theft preventing and 307/10.5                                      | 180/287                        |
| US 5848373 A     | Computer aided map 701/200   | 340/990; 340/995.26; 342/357.  |
| US 5608410 A     | System for locating a 342/387                                      | 342/457                        |
| US 5457811 A     | System for controlling 455/67.11                                   | 398/209; 455/235.1; 455/249.1; |
| US 5345046 A     | Voice communication 187/390  | 187/392; 187/393               |
| US 4965825 A     | Signal processing app 380/233                                      | 380/242                        |
| US 4491828 A     | Two-wire multi-zone 340/525  | 340/505; 340/506; 340/511; 34  |
| US 4423410 A     | Two-wire multi-zone 340/525  | 340/505; 340/506; 340/511; 34  |
| US 4359721 A     | Two-wire multi-zone 340/525  | 340/505; 340/506; 340/511; 34  |
| US RE31023 E     | Highly automated agr 405/37  | 137/236.1; 137/386; 137/79; 13 |
| US 4268715 A     | Method and apparatus 705/75  | 235/379; 235/380; 380/29; 705  |
| US 4015366 A     | Highly automated agr 47/1.43                                       | 137/236.1; 137/386; 137/79; 13 |

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|                  |   |           |                                 |
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| US 6100806 A     | Apparatus and method for  | 340/573.4 | 340/10.41; 340/5.3; 340/539.1;  |
| US 6745014 B1    | Communications interface  | 455/74.1  | 379/394; 379/398; 455/557; 45   |
| US 6683526 B2    | Pager-based communication   | 340/3.43  | 340/3.1; 340/3.53; 340/3.54; 34 |
| US 6609070 B1    | Fluid treatment apparatus   | 702/50    | 210/614; 210/96.1; 700/266; 70  |
| US 6607481 B1    | Method and system for   | 600/300   | 128/897; 128/903; 379/38; 705   |
| US 6346890 B1    | Pager-based communication   | 340/825.5 | 340/3.5; 340/7.2; 340/825.27    |
| US 6269285 B1    | Self-service freezer cabinet  | 700/236   | 206/745; 206/804; 221/123; 22   |
| US 6166643 A     | Method and apparatus for  | 340/573.3 | 119/721; 119/908; 340/572.7; 4  |
| US 6157592 A     | Acoustic position detector  | 367/127   | 367/124; 367/129                |
| US 6106459 A     | Method and system for   | 600/300   |                                 |
| US 6072396 A     | Apparatus and method for  | 340/573.4 | 340/5.5; 340/539.1; 340/539.13  |
| US 6064308 A     | RF signaling system and   | 340/573.3 | 119/721; 119/908; 340/572.7; 4  |
| US 6023399 A     | Decentralized control   | 361/23    | 361/115; 361/62; 361/78; 361/8  |
| US 6004266 A     | Method and system for   | 600/300   | 128/903                         |
| US 5991363 A     | Dispatcher-activated  | 379/45    | 379/102.01                      |
| US 5956687 A     | Personal injury claim   | 705/1     | 705/2; 705/3; 705/4; 705/7; 70  |
| US 5927822 A     | Freight brake control   | 303/7     | 303/9.69                        |
| US 5923434 A     | Surface quality and control   | 356/445   | 356/600                         |
| US 5833325 A     | Freight brake control   | 303/7     | 303/22.6; 303/9.69              |
| US 5825191 A     | IC fault location tracing   | 324/751   | 324/765                         |
| US 5820226 A     | Freight brake control   | 303/7     | 303/20                          |
| US 5785392 A     | Selectable grade and  | 303/7     | 303/20                          |
| US 5745034 A     | Providing an alarm in   | 340/574   | 340/573.1; 340/691.1            |
| US 5687224 A     | Telecommunications  | 379/201.1 | 379/207.02; 379/230; 379/269    |
| US 5672852 A     | Position pointing device  | 178/18.07 | 178/19.06; 345/176; 345/179     |
| US 5636263 A     | Dispatcher-activated  | 379/45    | 340/825.36; 379/102.07          |
| US 5606688 A     | Method and apparatus for  | 711/170   | 711/113; 711/122; 711/136       |
| US 5568126 A     | Providing an alarm in   | 340/574   | 340/573.1                       |
| US 5454720 A     | Method for elimination  | 434/27    | 342/457; 367/129; 434/16; 701   |
| US 5241923 A     | Transponder control   | 119/721   | 119/859; 119/908; 340/573.3     |
| US 5191522 A     | Integrated group insurance  | 705/4     |                                 |
| US 4697243 A     | Methods of servicing  | 706/59    | 178/4.1B; 187/393; 340/5.81; 3  |
| US 4575847 A     | Hot carrier detection   | 714/812   | 340/825.5; 714/735              |
| US 4553135 A     | Electromagnetic field   | 340/564   | 340/552; 343/894                |
| US 4335809 A     | Entertainment machine   | 463/20    | 463/41; 463/42                  |
| US 4237344 A     | Rapid response health   | 379/38    | 340/286.07; 340/825.49; 379/10  |
| JP 2002230672 A  | EMERGENCY REPORT PROCESSOR AND EMERGENCY REP                              |           |                                 |
| JP 08097911 A    | FAULT RECOVERY SYSTEM FOR EXCHANGE SYSTEM                                 |           |                                 |
| JP 04053396 A    | EAR MICROPHONE FOR SIMULATED  |           |                                 |
| FR 2835332 A1    | Creation of dynamic applications and maintenance of databases for         |           |                                 |
| DE 19627042 A1   | Supply range and transmitter power determination method for communication |           |                                 |
| JP 2004220149 A  | Crop rotation situation confirmation system displays confirmation         |           |                                 |
| US 20030176198 A | Voice communication method for fire rescue services, involves turning     |           |                                 |

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| FR 2835332 A     | Creation of dynamic applications and maintenance of databases f      |
| US 20030007121 A | Visual field tester for diagnosing human eye diseases, has lens th   |
| US 5940009 A     | Tampering detection apparatus for electrical energy meter, electrc   |
| JP 10260241 A    | Vehicle position detection system using PHS terminal - employs th    |
| DE 19627042 A    | Supply range and transmitter power determination method for con      |
| JP 07261909 A    | Position detector for graphics tablet - includes information regener |
| AU 639883 B      | Image processing assembly for transmission of images to remote       |

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340/539.13; 340/539.31; 340/693.5; 340/825.49; 342/357.01; 379/38; 701/212  
i5/560; 455/561; 455/74  
40/506; 340/539.17; 340/539.18; 340/7.2; 340/825.52; 379/106.01; 713/153  
3/61.56  
i/2

1/131; 221/150R; 221/279; 312/236; 312/312; 312/319.1; 62/246; 62/250; 62/337;  
455/106; 455/899; 455/91

i; 340/539.19; 340/693.5; 340/825.49; 379/38; 701/212  
455/106; 455/899; 455/91  
93.2

i5/8; 715/500; 715/531

/207; 701/300

379/93.02; 700/79; 706/11; 706/918; 713/193

06.02; 379/37; 379/913  
ORT SYSTEM

for sales or field personnel linking to a central location via PDAs, mobile phones, etc., with  
common wave radio network  
person's position and field position on map of personal computer, and links crop rotation  
ring communication device from frequency to other frequency when unique slot occurs, a

|               |                         |            |                                |
|---------------|-------------------------|------------|--------------------------------|
| US 6646564 B1 | System and method f     | 340/679    | 340/506; 701/108               |
| US 6633912 B1 | System, method and      | 709/224    |                                |
| US 4639557 A  | Remote testing syste    | 379/29.02  | 379/18                         |
| US 6735630 B1 | Method for collecting   | 709/224    | 706/33; 709/200                |
| US 6653139 B1 | On-site drug testing n  | 436/43     | 235/462.13; 700/266; 702/84    |
| US 6631411 B1 | Apparatus and metho     | 709/224    |                                |
| US 6522312 B2 | Apparatus for present   | 345/8      | 273/309; 345/7; 463/2; 463/32; |
| US 6376251 B1 | On-site drug testing n  | 436/43     | 235/462.13; 700/266; 702/84    |
| US 6206646 B1 | Method and sensor fc    | 417/63     | 417/68                         |
| US 5825191 A  | IC fault location trac  | in 324/751 | 324/765                        |
| US 5410753 A  | Mobile test set for a n | 455/67.14  | 455/88; 455/92                 |
| US 5406265 A  | Remote transmitting f   | 340/632    | 340/693.5; 73/31.02            |
| US 5337611 A  | Method of simulating    | 73/622     | 73/632                         |
| US 4703325 A  | Remote subsystem        | 340/825.3  | 340/517; 340/520; 379/106.01;  |
| US 4322677 A  | System and method f     | 324/531    |                                |
| US 4278979 A  | Method and apparatu     | 343/703    |                                |
| US 3872717 A  | Soil testing method a   | 73/84      |                                |



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|---------------|-------------------------|------------|---------------------------------|
| US 6529128 B2 | Smart wireless fire sit | 340/539.1  | 340/3.1; 340/3.2; 340/5.1; 340/ |
| US 5686885 A  | Sensor test method a    | 340/514    | 340/506; 340/515; 340/531; 34   |
| US 6710546 B2 | Remote control test a   | 315/86     | 315/150; 315/159; 315/307; 31   |
| US 6690276 B1 | Method and apparatus    | 340/539.1  | 340/5.23; 340/5.64; 340/502; 3  |
| US 6631333 B1 | Methods for remote c    | 702/24     | 702/23; 977/DIG.1               |
| US 6603387 B1 | Programming of RF tr    | 340/5.23   | 340/5.22; 340/5.25; 340/514; 3  |
| US 6380860 B1 | Portable wireless cell  | 340/586    | 340/539.1; 340/539.16; 340/539  |
| US 6260062 B1 | Element management      | 709/223    |                                 |
| US 6133839 A  | Smoke detector appa     | 340/584    | 340/331; 340/332; 340/539.1; 3  |
| US 6104785 A  | Subscriber control uni  | 379/49     | 379/40                          |
| US 6078269 A  | Battery-powered, RF-    | 340/825.5  | 340/517; 340/539.1; 340/539.2   |
| US 6067167 A  | ILS sensors for drug c  | 356/437    | 356/439; 356/442                |
| US 5963130 A  | Self-locating remote r  | 340/540    | 340/501; 340/539.1; 340/539.2   |
| US 5771114 A  | Optical interface with  | 398/38     | 250/227.15; 398/15              |
| US 5727110 A  | Electro-optic interface | 385/147    | 361/728; 385/12; 385/53; 398/   |
| US 4774658 A  | Standardized alarm n    | 340/825.49 |                                 |

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340/506; 340/825.36; 340/825.49  
340/539.1; 340/539.17; 340/825.69; 340/825.72  
340/5360; 315/362  
340/506; 340/539.17; 340/540; 340/541

340/539.1  
340/539.22; 340/693.5; 455/404.1

340/539.27; 340/628; 340/629

340/539.2; 340/577; 340/584; 340/628; 340/825.69

340/539.1; 340/539.26; 340/573.1; 340/573.6; 340/574; 340/601; 340/686.1; 340/984; 340/985

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| US 6571082 B1   | Wireless field test s  | 455/67.11 342/451; 342/452; 455/456.1; 4 |
| US 6782264 B2   | Monitoring of call info  | 455/456.1 455/560                        |
| US 6775602 B2   | Method and system f  | 701/33 250/339.05; 250/372; 340/438;     |
| US 6765531 B2   | System and method f  | 342/378                                  |
| US 6726636 B2   | Breathalyzer with voic   | 600/532 422/84; 73/23.3                  |
| US 6661379 B2   | Antenna selection me   | 342/457                                  |
| US 6646604 B2   | Automatic synchronoi   | 342/465 342/463                          |
| US 6628232 B1   | GPS tracker  | 342/357.0; 342/357.06; 342/357.09; 701/2 |
| US 6603428 B2   | Multiple pass location   | 342/457 342/463                          |
| US 6563460 B2   | Collision recovery in e  | 342/457                                  |
| US 6519465 B2   | Modified transmission  | 455/456.1 455/404.2                      |
| US 6492944 B1   | Internal calibration m   | e 342/387 342/174                        |
| US 6483460 B2   | Baseline selection m   | e 342/457                                |
| US 6463290 B1   | Mobile-assisted netw   | 455/456.1 455/69                         |
| US 6400320 B1   | Antenna selection me   | 342/457                                  |
| US 6388618 B1   | Signal collection syste  | 342/457                                  |
| US 6351235 B1   | Method and system f  | 342/357.0; 342/356                       |
| US 6334059 B1   | Modified transmission  | 455/404.2 455/456.3; 455/457             |
| US 6317604 B1   | Centralized database   | 455/456.5 342/457                        |
| US 6317081 B1   | Internal calibration m   | e 342/387 342/174                        |
| US 6285321 B1   | Station based proces   | 342/465 342/457                          |
| US 6281834 B1   | Calibration for wireles  | 342/174 342/165                          |
| US 6266013 B1   | Architecture for a sigr  | 342/387 342/457                          |
| US 6184829 B1   | Calibration for wireles  | 342/387 342/174; 342/444                 |
| US 6172644 B1   | Emergency location n   | 342/457                                  |
| US 6148194 A    | Method for determinir  | 455/421 455/423; 455/446; 455/67.14      |
| US 6115599 A    | Directed retry method  | 455/404.1 455/102                        |
| US 6097336 A    | Method for improving   | 342/357.0; 342/457                       |
| US 6091362 A    | Bandwidth synthesis  | 1342/465 342/457                         |
| US 6021315 A    | System and method f  | 455/67.11 343/703                        |
| US 5926460 A    | Transmission monitor   | 370/241                                  |
| US 5666400 A    | Intelligent recognition  | 379/88.01 379/189; 379/221.09            |
| US 4999613 A    | Remote confinement   | 340/573.4 340/516; 340/529; 379/38; 600  |
| US 4797556 A    | Optical continuity test  | 250/551 250/214RC; 356/73.1              |
| US 4737645 A    | Printer supplies monit   | 250/458.1 250/461.1; 356/317; 400/157.3; |
| US 4525874 A    | Device for transmittin   | 398/168                                  |
| US 4525873 A    | Device for transmittin   | 398/168                                  |
| US 4151458 A    | Closely spaced pipe-t  | 324/357 324/329; 324/71.1; 324/72        |
| US 3808354 A    | COMPUTER CONTR   | 73/585                                   |
| US 3666945 A    | ARRANGEMENT FO   | 250/365 250/366; 250/461.1; 356/318      |
| EP 47470 A0, B1 | Remote confinement system with multiple tests - uses home base |  |

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